

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [10609] 38S FOR OTHER BANDS
Message-ID: <3.0.32.19970131194152.006b3f40@pop3.concentric.net>

I saw a comment about people working on converting the 38s to other bands a while back.
Is there in fact work in this area. If there is, what bands are the most probable?

Mark - WB0IQK/8-

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: ukii@megsinet.net (ukii)
Subject: [10670] 38s help with TX.
Message-ID: <01BC1063.6A93A940@randolph2er1-27.megsinet.net>

Ok Gang,I got some kind of output from the 38s,but it is at 10.139.
I cant seem to lower it at all with TC2. I will remove the turns I put on L1 and see what that does. I still have that tone running all the time, any ideas where to look?
Thanks much
John

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [10696] 38S POWER CHECK
Message-ID: <3.0.32.19970201181322.006b224c@pop3.concentric.net>

I WANTED TO SEE IF THE 38S WOULD RUN ON ANYTHING BELOW 8 VOLTS (BYPASSING 7808). IT WOULD RUN A LITTLE DOWN TO ABOUT 7.5 AND THEN THE XMITTER WOULD STOP WORKING ALL TOGETHERS. REASON I TESTED THIS WAS BECAUSE I WANTED TO INSTALL A LM317 REGULATOR IN PLACE OF THE 7808 AND SET IT UP FOR ABOUT 7 VOLTS INSTEAD OF 8. HAD PLANS ON RUNNING OFF OF 9 VOLT BATTERY AND 8 VOLTS WAS JUST TO CLOSE TO KEEP THE REGULATOR RUNNING. SO FOLKS, THE LITTLE THING IS OPTIMIZED FOR 8 VOLTS OUT OF THE REGULATOR, AND DOESN'T LIKE ANYTHING LESS.

MARK WB0IQK #870

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: ukii@megsinet.net (ukii)
Subject: [10638] 38s troubleshewting/help
Message-ID: <01BC1003.4289BA80@randolph2er1-15.megsinet.net>

Hello Gang. Maybe I got a little frustrated in the beginning because I smoked the thing, but after some messages of encouragement from many of you (Alan, Mike, Glen, etc) I have decided to really try and fix it. I got 8.2volts out of 12vdc so I can read some voltages. With the rig on, I hear a loud tone. If I key the key, I hear the cw tone and it sounds the same as the RX loud tone I hear. On to voltages. VR1 pin 1 =12vdc,, pin 2 = 0v pin 3 =8.2vdc (no mods or keyer in this yet) The R- at R3 has 0vdc. the other side of that R3, by the diodes has 5.2v 8.1vdc in TX. The T- by D4 and D5 has 8.1v and 0vdc in TX The R- on pin 6 of U2 is 0v and 8.1 in TX T- at D6 is 8vdc and 0v in TX R- at D7 is 0v and 8.1 in TX Pin 7 of U4 is 0v and 8 in TX Pin 13 of U4 is 8v and 0 in TX Pin 20 of U4 is 8.2vdc and 8.1 or so if I key it. I have +8.2 on all the 8pin chips at pin 8. Pin 14 of U2 is also 8v, so I guess all the chips are getting their vcc.

So, is there anything else I can check here?
I do not have the toroids glued down yet, they are about 3/8 up on the board, and also about 1/4 inch of leads out the bottom. I did wind the L1 with 5 turns of wire as the post read. I was watching the meter on the dummyload, (100watt scale) and did NOT see it move when I keyed. So, on powerup I have a LOUD TONE, or steady toned squeal.

Any help PLEEZE?
Thanks much
John
(callsign omitted)

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [10665] 38s:Choke changing mod

Message-ID: <v01540b03ad369263a250@[157.142.8.156]>

Hi gang,

I tried Daniel Winkler choke changing mode for the 38s to get the desired frequency range - works great. I did a variation of his method that eliminates some repetition in soldering and de-soldering.

Prepare your choke as described in Daniel's post (I've included the relevant section at the end of this post). However, add about an extra 1" or so of wire leaving the body of the choke at 90 degrees. Mount the choke so that it standing upright in the board and loop the end of the wire back to solder the end in the appropriate hole. The little bit of looping back here does not seem to appreciably affect the inductance; however, it is important to keep the wire leaving the body of the choke at a right angle. Now, check the frequency range of your 38s. If it not to your liking, you have enough "play" in the wire to easily add or remove a turn on the choke by passing the wire over the top of it. You may have to bend the choke downwards to get the extra turn of wire over the top. Once you get the frequency range you like, carefully remove the choke, glue the wire turns in place and trim away any extra wire. Using this method I was able to make my 38s tune from 10.100 to 10.125 MHz.

Mike N5JKY
Edmond, OK

appendix (now, doesn't that sound scholarly?)

from Daniel Winkler:

Orient the choke so that it reads correctly from left to right. The Yellow (4) band is on the left, silver on the right. Cut a 2 1/2 " (2" will probably be ok) piece of wire- I used 28 gauge from a 3 pak I got at Radio Shack years ago. Take the enamel off both ends. Make a tiny loop in one end and slip it over the RIGHT hand lead of the choke (the one with the silver band) and snug it up to the choke. Solder it. Clip off the remainder of the choke's lead. Consider this end of the choke the BOTTOM, and stand it up. Looking DOWN at this thing, wind the wire around the choke CLOCKWISE for 5 turns. The wire fits nicely into the narrow middle portion of the dog-bone shaped choke. I measured 6.6 uH with 5 turns, 7.05 uH with 6 turns, and about 7.5 uH with 7 turns. Your mileage may vary. Start with 5 turns. Put it in the circuit and see if the coverage is what you want.

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: k5vp@earthlink.net (Kevin Potter)
Subject: [10628] antenna opinions wanted
Message-ID: <v01540b01af18769fb918@[206.250.92.83]>

Having been inactive for 15 years, I am returning & pretty excited about it.

Having moved a few times, I'm on a smaller lot which will not allow a tower or a yagi. So, my question is: what type of antenna to start out with. A dipole or a ground mounted vertical w/o radials or ???

Please drop me a line with your opinions.

AE4IC's testing of tuners couldn't come at a better time for me. I'm watching for your email, Bob.

BTW, I am looking for a 10 meter FM rig, preferably one that could be used mobile.

Thanks,

Kevin

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: teixeira@ccnet.com (T E I X E I R A)
Subject: [10610] ARRL Wants Your Opinion!
Message-ID: <v01520d03af17d89f8508@[206.80.32.145]>

Though you all might be intersted.....I think you should send them your comments!:

>QST de W1AW
>ARRL Bulletin 5 ARLB005
>>From ARRL Headquarters
>Newington CT January 31, 1997
>To all radio amateurs
>
>SB QST ARL ARLB005
>ARLB005 ARRL members asked to comment
>
>ARRL members are being invited to add their ideas, comments and
>recommendations to those of the ARRL WRC-99 Planning Committee, which
>has suggested sweeping--and potentially controversial--changes to the
>Amateur Radio licensing structure in the US. On the table for open
>discussion and debate are proposals that include:

>
> elimination of the Novice license
> creation of a new Intermediate license to replace the Technician Plus
> greater hf privileges for intermediate licensees than for the
>existing technician plus, including phone on 160, 75 and 15 meters
> a 10-wpm General CW test (with more stringent testing standards for
>all CW exams)
> expanded phone privileges for General-class and higher licensees
>
>Details of the plan, discussed during the recent ARRL Board of
>Directors meeting in Albuquerque, New Mexico, will appear in March
>QST. The Board says it seeks comments from members to ensure that
>before any plan goes forward, it enjoys broad support from the
>amateur community. The Board will not act on the issue at least until
>its July meeting.
>
>After its research revealed that as many as three Novices in four are
>inactive, the committee concluded that the Novice license is no
>longer useful. Although the committee would end the Novice license,
>its plan provides current Novices with an easy means to upgrade (via
>an open-book test) to the new Intermediate class license, which would
>replace the current Technician Plus. All present Tech Plus licensees
>would become Intermediate licensees. The Basic license would supplant
>the Technician license--now the hobby's most-popular entry-level
>ticket--with no changes in privileges. In addition, the committee's
>plan would phase out the current Novice and Tech Plus bands on 80, 40
>and 15 meters, and replace them with new Intermediate-class
>allocations. The committee's consensus plan for Intermediate-class
>licensees calls for new CW bands on 80, 40 and 15 meters starting 25
>kHz up from the lower band edge, digital and phone-band privileges on
>75 and 15 meters and a 50-kHz phone or CW segment at the top end of
>160 meters, plus expanded Novice and Tech Plus CW and phone
>allocations on 10 meters.
>
>According to the proposal, Intermediate CW bands would be 3525 to
>3700 kHz, 7025 to 7050 kHz, 21025 to 21150 kHz and 28050 to 28300
>kHz. Digital operation was suggested for 3600 to 3625, 21100 to 21125
>and 28100 to 28189 kHz. Phone privileges would include 1950 to 2000,
>3900 to 4000, 21350 to 21450, SSB from 28300 to 28500 and FM from
>29500 to 29700 kHz. Transmitter power for Intermediate-class
>licensees would be limited to 200 W PEP output (other licensees using
>these bands would not be limited to 200 W, however).
>
>General-class and higher amateurs also would benefit from the plan,
>if it's adopted according to the committee's outlines. General-class
>hams would get additional phone privileges 3800 to 3850, 7200 to
>7225, and 21250 to 21300 kHz; Advanced-class hams would add 3725 to
>3775, 7125 to 7150 and 21175 to 21225 kHz; Extra-class hams would

>also have 3700 to 3750, 7125 to 7150 and 21150 to 21200 kHz.

>

>With the exception of 40 meters, where Novice and Tech Plus licensees
>already have privileges, the committee suggested no changes on the
>hobby's narrowest and most crowded bands--including 20 meters and the
>narrow WARC bands at 30, 17 and 12 meters.

>

>The Intermediate CW test would be 5 words per minute (the same as the
>current Tech Plus requirement), but the committee proposed that the
>General class CW requirement be set at 10 wpm. There still would be
>no additional CW exam for the Advanced ticket, nor would there be any
>change in the 20-wpm requirement for the Extra. Exams for all classes
>would include a return to a sending test and the requirement for one
>minute of solid copy during a five-minute test--instead of the
>current method that tests on the content of the CW text.

>

>Right now, these major changes are only in the talking stage. ''Let us
>be very clear about this,'' said ARRL Executive Vice President David
>Sumner, K1ZZ, who characterized the committee's proposals as a
>starting point for discussion, not a done deal. ''The changes are not
>ARRL policy; nothing has been proposed to, or by, the FCC, and the
>ARRL Board is committed to making no decision before its July 1997
>meeting.'' Sumner said there is no timetable to complete the process.
>Only after there is an opportunity for in-depth consideration and
>discussion by the membership will the ARRL Board consider taking the
>next step--to approach the FCC with a rulemaking proposal--a process
>that automatically invites additional comments and suggestions.

>

>Between the time they receive March QST and the end of May, members
>are asked to voice their opinions on the committee's suggestions to
>their directors, whose postal and e-mail addresses are listed on page
>10 of QST. All suggestions and comments--positive and negative--are
>welcome.

>NNNN

>/EX

>

Regards,
Don W6IQ
Fremont, CA

(ex-N6FNL) QRP-L #328

Acoustic Music <http://www.ccnet.com/~teixeira/>

Amateur Radio <http://www.ccnet.com/~teixeira/W6IQ.html>

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Steve, N2MNN" <n2mnn@openix.com>
Subject: [10697] B&W VS1500a Tuner
Message-ID: <199702012356.SAA32131@pantera.openix.com>

I have an opportunity to purchase a B&W VS1500a tuner new, still in the box. It is a tee circuit 1.5Kw job with a rotary inductor. The antenna capacitor is a double ganged one with the second cap in parallel with the inductor, supposedly to reduce harmonics. I currently use a MFJ 949E in the shack, and a SLT for portable work. I would sell the 949E if I buy the B&W. I have the following questions.

- 1) What are the chances that the B&W tuner will be more efficient than the 949E? Anyone ever hear of any problems with this B&W model?
- 2) What is a fair price for a VS1500a tuner?
- 3) The B&W instructions are not complete. They tell you to adjust the inductor for maximum volume while the capacitors are set to their normal settings. They don't tell you what the normal capacitor settings are. Also I presume that for max efficiency, the caps should be set to either a max or min possible settings. Can someone tell me the best way to adjust this kind of tuner?

Sorry, I've haven't been paying much attention to the tuner thread... until now.

Also sorry for the additional bandwidth, but if someone can send me the URLs, or lists for the boat anchors, Collins stuff, and Drake stuff, I would appreciate it. I have a lot of equipment to sell for the widow of one of my friends, W2GBT (SK), and need to learn a lot about this OLD stuff.

Reply privately if you feel it appropriate.

Thanks,

Steve, N2MNN

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: n4js@amsat.org
Subject: [10692] Badger Traps

Message-ID: <XFMail.970201153241.n4js@amsat.org>

OK, I have been out of the homebrew/kit building scene for almost 10 years. This QRP thing got my operating interests piqued, and I have been having a ball. Now, I have taken another step. I ordered an LDG QRP tuner, AND a NorCal Sierra Kit!

Does anyone have plans for a Badger Trap I can set up BEFORE I start, to keep those little rascals OUT of my circuit boards?

Sent at 15:32:41 on 01-Feb-97

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(N)(4)(J)(S)
 _ / _ / _ / _ /

John L. Sielke n4js@amsat.org NJ - FM28LN
n4js@pobox.com n4js@hotmail.com n4js@n4js.ampr.org
<http://www.pobox.com/~n4js> NJ-QRP #57

QRP-ARCI #9328 QRP-L #884 QCWA FISTS #2781 NE-QRP #507 G-QRP #9544

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [10622] Builders
Message-ID: <32F2BD85.3DE7@edcen.ehhs.cmich.edu>

Isn't anyone building anything other than the 38S? Ok, I ordered one myself and hope to receive it next week when the next shipment goes out, but it seems like someone must be building some homebrew/commerical or other radios out there, so please post to the list.

Didn't anyone except Chuck Adams build a TenTec 1340 40M Kit yet? So how did the 1340 Kit go and please post a road report.

Many thanks

Gary/N8AYY

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
Subject: [10668] CW: Teaching Help Pse
Message-ID: <32F3906B.10C6@wt.net>

I got "volunteered" by our club prez. to teach a novice cw class. I'm no great wiz-bang at it and get dizzy starting at 19wpm, but I agreed to help get some folks up to 5 and 13 wpm, so.... what tools, techniques, aids, ideas, etc. have worked for other 'volunteers'. (Request direct reply - there's probably not many in our 800 or so list population with same situation). Thanks in advance.....

(My own learning technique back in '62 was a green army surplus box with paper tape reader for paper with black dot and dash lines that a photo-cell picked up and changed to something close to a sinewave beep. Motor was variable speed, and controlled WPM that way.....I figure there's probably a better system nowadays- hi)

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WA8GHZ /5 / === === o === o === o o === === o
Jack /Houston / "I know the guy who built my radio."

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [10690] Dans Small Parts
Message-ID: <199702012058.PAA120481@nss2.CC.Lehigh.EDU>

Could some on please post the URL for Dans Small Parts, I have misplaced it
! :-)

Tnx and 73,
Steve
KA7NOC
di dit

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: tayloe_d@juno.com (Daniel R Tayloe)
Subject: [10639] Email Call Sign Server?
Message-ID: <19970131.232335.7719.0.tayloe_d@juno.com>

Is there a call sign address server that I can email a list of calls to for addresses? With all the FSFD activity lately, I have a bunch of cards to send out, and I do not have Web access here at home.

Thanks much!

- Dan Tayloe, KK7BD, Phoenix, Az, QRP1 #696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "jerry" <jerry@otherside.com>
Subject: [10626] Far Circuits - Help
Message-ID: <199702010423.XAA28957@nirvana.otherside.com>

Gang,

I need the phone # or address for Far Circuit's. Need the info to get the board for the "qrm smasher". I have a very bad pulse noise here from a electric fence nearby with a very uncooperating farmer. Do you think the qrm smasher will help? Thanks

Jerry
WD9CTB QRP-L 846

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: rob3ert@juno.com (Robert G. Parks)
Subject: [10693] FS:NC38S kit
Message-ID: <19970201.131525.10030.0.rob3ert@juno.com>

OK gang,

Too many projects here, too little time. Therefore, I am offering for sale my NC38S kit, unbuilt, with TICK chip for \$35, priority postage included.

I'll make a list and draw, after two days, if there is more than one respondent.

72/73

Bob Parks
K6AEC (Las Vegas)
QRP-L#630
NorCal#1771
etc,etc

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [10656] GREEN MOUNTAIN 20 ON THE AIR
Message-ID: <3.0.32.19970201091047.006a2084@pop3.concentric.net>

I've recently put together, what I consider one of the best radios I've built in a long time, the "Green Mountain" from Small Wonder Labs (40 meter version). It's really a pleasure to operate. I'm thinking of retiring my older 20 meter HB for a GM20.

I've had to make a few small mods, so if anyone is interested I can post them here. I've also added the Emtech 2 pole audio filter. If anyone else has good mods for the GM please post them.

Mark WB0IQK/8 #870

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [10698] GREEN MOUNTAIN MODS
Message-ID: <3.0.32.19970201184851.006b2b30@pop3.concentric.net>

Only two very minor modifications were needed.

1) My RIT would off center on it's dial. When zeroed, the knob was at about the 3 o clock position. I put a 5k variable across the 2.4K resistor going to U9

pin #2. That allowed me to adjust the center the dial.

2) My transmit freq. was off-set too much, which caused stations returning to my

CQ to be off my freq. I installed a 4-50pf cap across C37 on U7. I then could adjust

my xmit freq. to the correct offset.

3) I installed the EMTECH audio filter between the .1 cap on Q1's output and the 10k

audio pot. Just cut the trace between the two and insert the filter.

Works great.

MARK - WB0IQK/8 - #870

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: duwaynes@postoffice.worldnet.att.net
Subject: [10669] Homebrewing Homebrewers
Message-ID: <3.0.32.19970201120431.008f8350@postoffice.worldnet.att.net>

Ok

So which one of us homebrewing homebrewers will be the first to build a 38 Special and rainbow tuner in a Cornelius keg and still have room for 5 gal. of a nice IPA?

DuWayne KE4HMP
QRP-1 # 807

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Steve Slavsky <sslavsky@CapAccess.org>
Subject: [10631] HW-8 Success
Message-ID: <Pine.SUN.3.91-FP.970131235103.21843G-1000000@cap1.capaccess.org>

I recently purchased a HW-8 and was pining away because its "ears" weren't as good as my main rig and I couldn't hear folks loud enough to make contacts. Well, the propagation on 80 must have been better tonite, because I finally worked someone - with about .9 watts (as measured on my WM-1). Tried the old tail-ender trick mentioned by many on the list and it came through. Reston, VA to Greenville, SC - 398 miles with a 529 report, but it goes in the log. The rig will do about 1 1/2 watts off a gel cell, but I am trying my hand at QRPP for a change as I can't do that readily with my Yaesu.

I have ordered the HW-8 Handbook, so I may make some improvements, but I notice the manual calls for high impedance phones -) than 1000 ohms. I am using my old Heath-Zenith ones, which are low impedance and have nothing in the high range. HW-8 ownwrs out there - if you use the high impedance cans, is there a difference?? Just sounds now like all the sigs I hear are QRP, with an occasional boomer coming through. Is this the general experience with HW-8s?

Most fun and challenge I've had in a while. BTW, I use a Bencher straight key - it is actually relaxing to use compared to the J-38 types. Course I don't get much above 15 wpm, but I keep trying.

Keep up all the good stuff on the list. It is a genuine free education in radio and electronics.

72/73,

Steve, N4EUK
Reston, VA

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
Subject: [10634] HW-8 Success
Message-ID: <1.5.4.16.19970131101908.1f3faa4c@cadvision.com>

>
>Most fun and challenge I've had in a while. BTW, I use a Bencher
>straight key - it is actually relaxing to use compared to the J-38
>types. Course I don't get much above 15 wpm, but I keep trying.
>
>Keep up all the good stuff on the list. It is a genuine free education
>in radio and electronics.
>
>72/73,
>
>Steve, N4EUK
>Reston, VA>

I bet you have a "distinctive swing"

Could not resist this one, still have the flame proof suit(also badger proof).

72 to all Niels

:Argonaut 509, HW-7, Epiphite, 49-er on steroids.

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: PA3ASC@mailbox.hol.nl (Mike Perry)
Subject: [10645] HW8
Message-ID: <199702011215.NAA27788@bonny.hol.nl>

Steve Slavsky <sslavsky@CapAccess.org> writes:
> I recently purchased a HW-8 and [...stuff deleted...]
> notice the manual calls for high impedance phones
> I am using my old Heath-Zenith ones, which are low
> impedance
> if you use the high impedance cans, is there a difference??

Most certainly. Driving low impedance headphones from
an HW-8 is a bit like trying to run a kilowatt linear off a
flashlight battery. That's why your signals sound weak.
You need to install an audio power amplifier - a hundred

milliwatts output will do. Mods. have been published.
For a quick test try connecting the AF "phones" output of
the HW-8 to the high level input of a hi-fi amplifier or the
input of a computer multi-media amplifier.
The usual electrical safety precautions should be followed.
Hope this helps.
73 de PA3ASC

--
Best regards from The Netherlands,
Mike Perry. [e-mail :- PA3ASC@mailbox.hol.nl]
=====

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
Subject: [10613] I'm Back
Message-ID: <1.5.4.16.19970201023655.3247ea8a@mail49.mci2000.com>

Hi Gang....back online (I hope) with internet MCI.
Can't say that the installation of their software
was all that smooth, but hey, they're still learning
what we all know!! :-)

I'll take up the 'thump dialog" when I'm sure this thing
is really working.

72....Jim

Jim Kortge, K8IQY (ex NU8N)		BMHA, NorCal, QRP-L
jokortge@tir.com	__o	Cascade 17/40 SSB
Fenton, MI	_`\<,	Mizuho 17/40 SSB
... ..	(*)/(*)	

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [10659] I'm the Next Fox!
Message-ID: <Pine.GS0.3.95.970201094731.3970A-1000000@lictor.acsu.buffalo.edu>

Hello to all Foxhunters,

Be prepared for a wild night of radio bliss as I provide the foxhunting

action and the Adeventure Radio Society provides another Spartan Sprint.

The wiley furry critter will be coming out of his hole on the following schedule:

UTC Tuesday 2/4/97 0100-0300

or

EST Monday 2/3/97 8PM-10PM.

Show up at either time and I will be there :-)

Once you have bagged me join in the fun of the ARS Spartan Sprint which starts at 9:30PM EST, I think. In fact if you work me from 9:30 - 10PM it will count for BOTH! Good Luck.

72, Mark N2VPK

Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: Bruce Rattray <RATTRAY@siast.sk.ca>

Subject: [10695] Johnson Matchbox

Message-ID: <4248021601021997/A23793/RIEL/11B20BF80A00*@MHS>

I have a small Johnson Matchbox with Bandswitch, Tuning and Matching controls on the front...on the back it has the E.F. Johnson label along with terminals for 'Single wire', 'Balanced Two Wire Line' (Coaxial line to either line terminal and ground....as well it has a 'Ground ' connection, an r.f. Input coax connector and a terminal strip with Rcvr. Ant., R.F. Probe, Rcvr Control, Relay 115 v.a.c. labels above the terminal strip...I'm wondering if anyone can point me in the right direciton to possibly find a manual for this unit? ...thanks for reading this...please e-mail me direct if you wish at: rattray@siast.sk.ca ...73 Bruce (VE5RC) QRP-L#886 "QRP! How sweet it is!"

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: Jim and Nancy Larsen <larsennnc@alaska.net>

Subject: [10642] KE4YH - The modest one.

Message-ID: <32F2FB87.5C8F@alaska.net>

Hey everyone,

Just in case Stew did not post this...He finished up 50 states via QRP with his Alaska 2XQRP QSO with me last weekend. Congrats, Stew!

The card is out in the mailbox for pickup.

73,
Jim
AL7FS
Anchorage, Alaska.

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Phil, K6LS" <k6ls@amsat.org>
Subject: [10680] kit mfg vs ARRL (DEM)
Message-ID: <32F384D2.6B30@amsat.org>

Those of you who get QST may have seen a recent review on the Down East Microwave 6m Transverter. If you recall, It was not very favorable. Now, you can read the Down East Microwave official reply to the ARRL article at:

<http://www.downeastmicrowave.com/review.htm>

I wonder if any of our other Kit suppliers/mfg. have encountered any "problems" with the ARRL or any other magazine.

73 de Phil K6LS

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Paul Stroud <aa4xx@amsat.org>
Subject: [10678] KL Net Moving Frequency
Message-ID: <32F38B07.33D5@amsat.org>

Hi Gang,

We will be moving our Net frequency as of February 16th to 3686 KHz. Two rather strong beacons made it impossible to continue on our old frequency of 3710. Upon putting the question to the KL Gang regarding which frequency we should move to, there was majority consensus favoring 3686 KHz. This moves us out of the beacon territory and still provides an opportunity for Novices and Tech Plus' to join us each Sunday night. We'll look forward to hearing some of those

Pixie's on the net from now on. :-)

We had a great turnout for the KL Roundtable last Sunday, January 26. Thanks to all who stopped by to say hello. Also, welcome to newcomer Ray, W5XE from El Paso, TX. Ray was running 3W into a pair of phased 80M verticals. Nice job, Ray! We also heard from Warren, AD4ZE/MM, who is sailing down to FL and then into the Caribbean. Warren reported that all was well. Maybe some of our QRP friends in FL can act as a relay during the coming few months, as AD4ZE's signal is pretty weak. He's running QRP with an IC-706 to an 80M Hamstick when he checks into the Roundtable.

Comments from the soapbox: "Worked VK0 on 40M with 70W" (WA8LCZ), "Worked VK0 today with 40M loop on 20M QRO" (WD9CTB), "I'm now the newest member of the MD Milliwatters!" (K3QIO), "KB0HQU and I are designing a milli/micro wattmeter. Info next QRPizza meeting" (N3GO), "Looking forward to a fun year even though I didn't get my 160M antenna fixed fer the contest this weekend"(WA4NID), nagged VK0IR on cw. Still chasing islands up on 20M" (WA4SGC), etting over the flu--bummer!" (WB4LZQ), "Got a bit chilly tonight. Fireplace took care of that." (AA1BK), "Key tonight is Vibroplex Iambic Deluxe" (AC4ZO), "Building new Ten-Tec 40M rig" (K4WZ), "Glad to finally make it into the KL Net" (W5XE).

We invite you all to check in with us any Sunday night, beginning 0230 UTC until 0400 (9:30-11:00PM EST). We have one station in England who intends to give it a go, so y'all keep your ears warmed up for Dave, G0DJA! Remember, our frequency will remain at 3710 KHz until February 16th, at which time it will change to 3686 KHz.

We enjoy hearing from each of you. Here are the folks who joined us last Sunday:

WA8LCZ	Byron	Warren,	MI	5W	339	Gap Vert
WD9CTB	Jerry	Floyd Knobs,	IN	3W	579	40M Loop
AE4IC	Bob	Greensboro,	NC	2W	449	Horiz Loop
K5ZTY	Bill	Houston,	TX	5W	449	Dipole, TS-830S
VE3SP	Ron	Hamilton,	ON	25W	599	Scout, Butternut
KI4PZ	Rick	High Point,	NC	5W	559	
KC40	Roy	Prestonsburg,	KY	5W	589	160M Vee
K3QIO	Jim	Wilmington,	DE	5W	579	Dipole
K2SJB	Dave	Ithaca,	NY	5W	589	Dipole
AD4ZE/MM	Warren	(off coast of FL)		5W	329	Hamstick, IC-706
N3GO	Gary	Raleigh,	NC	2.5W	599	Dipole
WA4NID	Dave	Durham,	NC	5W	599	Lew McCoy Dipole
WA4SGC	Mac	Clarkton,	NC	5W	599	160M Dipole
WB4LZQ	Kim	Piedmont,	SC	5W	599	Dipole
N7RI	Ralph	Charlottesville,VA		1W	559	Dipole

AA1BK	Steve	Raleigh,	NC	2W	449	Sierra, Attic Dip
AC4ZO	Jeff	Cary,	NC	7W	599+	Dipole
VE3JC	John	Delaware,	ON	5W	569	
K4WZ	Ron	Forest Park,	GA	5W	599	
W5XE	Ray	El Paso,	TX	3W	339	80M Phased Verts
AA4XX	Paul	Raleigh,	NC	5W	(NCS)	80M OCF Dipole

-----72 till next Roundtable, de AA4XX-----

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: Dave.Ackrill@westwood45.powergen.co.uk

Subject: [10691] Measuring output on 73kHz

Message-ID: <970201204236Z*/G=Dave/S=Ackrill/O=westwood45/PRMD=POWERGEN/
ADMD=CWMAIL/C=GB@MHS>

This may be of interest to those on 73kHz, using QRP, or both.

I've been looking for a way of measuring the output of a very low power 73kHz transmitter as I had problems with the ordinary in-line wattmeters that are normally used on the HF and VHF bands. In fact, mine is intended for use between 1.8MHz and 1300MHz, but was not very useful at 73kHz. I suspect that this was because the power from the transmitter was too low to be detected by the diodes in use in my power meter.

I came across a milliwatt meter from Kanga Products, which I thought might be able to help. The design needs a digital multimeter and is calibrated by applying known RF powers, up to 5 Watts, and plotting the input power against the number of millivolts or volts measured by the DMM.

On trying my very low power 73kHz transmitter I measured about 80mV on my DMM and I think that the output from the transmitter is somewhere near 20mW. However, it did prove that the milliwatt meter could detect the output of the transmitter and I hope to be able to calibrate it against the display on an oscilloscope.

The system should be useable into the VHF region, with careful construction techniques, and anyone who can read a simple circuit diagram and transfer it to a PCB should be able to make up the milliwatt meter.

A kit, less a metal enclosure, DMM and one variable resistor (I used a small preset which could be found in a junk box, or very cheaply at a rally or electronics shop) is available from Kanga Products. They

advertise in many of the QRP magazines, or try their email:

dick@kanga.demon.co.uk

or web site:

<http://www.kanga.demon.co.uk>

I'm not connected to the company, in case anyone wonders, and this has been the first kit that I have bought from them. I know others have used them in the past and have heard many good reports of their service. I can vouch that delivery was very quick after ordering.

To those of you who produce magazines and or web sites who I'm sending this to, please edit the above as you see fit but please leave the credit for the unit with Kanga Products. Thank you.

73 de Dave (G0DJA)

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: nskousen@scientech.com (Niel Skousen)

Subject: [10667] N/T Fox Rpt

Message-ID: <199702011631.JAA19788@eaglerock.if.scientech.com>

Thanks again to everyone for a great night !

New way to flub up ! Had not been on the air for almost a month w/ tvl and etc. Got to the 4th QSO and 'un-synch'ed from cw. Got two calls concurrant, then a comment in the QSO and just flat lost it all. Bill (W7KXB) hung in there with me for 10 min to get it all back together agn, TNX Bill, but my apologies to Ray (W5XE), seems I lost him in the mess in spite of a good strong signal...

Another station tried for 12 min to make the qso, but I just could not pull enough out to count, sri ! still need to get the other ant's up !

OBTW Did I mention QSL's are really coming.... 8-|

TNX agn everybody for supporting us N/T types... Special thanks to the ScQRPions, 6 of 9 last nite !!!

72 es CUL

Niel

<dit> <dit> <dit>

=====

7.112.5

0204	AB7TT	559	579	JOE	AZ	191	
0209	W7GVN	449	569	ROD	AZ	849	
0212	NN9K	449	559	PETER	IL	05	
0217	??X	599	559				lost it here, SRI Ray (W5XE)
0217	W7KXB	449	439	BILL	AZ	---	SRI for code 'un-synch'
0227	AB7MY	579	569	GARY	AZ	571	
0232	KI7MN	479	559	BOB	AZ	271	
0256	NQ7X	449	449	FLOYD	AZ	343	
0313	W0RW	338	559	PAUL	CO	2W	
0344	KF4KRV	229	119	ED	AL	2W	Thanks for hanging in Ed !!

Thanks again all for your patience and a very fun time

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: NilsBull@aol.com

Subject: [10658] NC38S mod-mod list, Alter-elbows & Bar fights continued...

Message-ID: <970201094750_1047794115@emout11.mail.aol.com>

Ok, I'm sitting here listening to Radio Habana Cuba's English language broadcast, having just finished another couple paragraphs of Horacio Glotz's next adventure in memory & the present, after fighting with my wife in a bar about whether or not I have First Amendment rights & having to wipe my collection of NC38S mods out. The story is cool. The 1st Amendment rights deal is my problem. But my list of NC38S mods was like 27+ messages long, dudes and dudettes.

I hope that someone's keeping all those mods about mods on file. Even the ones that I might not use... like the QRO mod. Now there's one that I'm having trouble rationalizing. I mean, I could probably have more success with 5 watts (or even 1 watt, if I was nuts about a 2N3866 [which is a real dog bite at 10 MHz... maybe at 27 MHz it would work nicer...but that's another story]), but I'd just as soon run the puppy stock. Once I get a chance to blow it up first.

Simple question then: Is there an NC38S mod archive? I hope. As if. Because. Like fer sure. You know.

73

Nils

WB8IJN +c

... and I don't wanna hear it about AOL, ok?

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Chris Wilken" <cwilken@greatlakesav.com>
Subject: [10682] NC38S Mods List
Message-ID: <199702011919.0AA36654@nss2.CC.Lehigh.EDU>

I have a file containing all NC38S posts (mainly mods) that I've culled from the list over the last month. It has all 38 Special related info from Jan 1 to Jan 31 (these are QRP-L archive dates-not necessarily "true" dates, I believe it is one day off). The document is MS Word formatted with all headers stripped off.

If anyone would like a copy of this, pse email me DIRECTLY at cwilken@greatlakesav.com.

I intend on maintaining an ongoing archive of these posts, but I wont have the next one until March 1. Please also bear in mind that I havent had a chance to look through the document for errors that I created. I also took some liberties with editing out some irrelevant comments, sigs, etc. to keep space down.

If anyone is interested, I also have all 40-9er posts in a similar fashion up through November.

73's
Chris Wilken
KB0DAL

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [10614] NC38S parts sub ???
Message-ID: <199702010159.TAA05353@admin.inetport.com>

Do youall suppose you can use a disc ceramic in place of the mono at C26???

Maybe this is why I have an extra 330 pf disc ???

Larry

KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com QRP-L 89
ex: KN8OSG K8OSG(1959-1967 MI) W6HED(1967-1968 Ca) W4ZTB(1968-1978 FL)

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: wylde@nccn.net (Grover, K7TP)
Subject: [10673] NC38S: 5v regulator availability?
Message-ID: <v02130501af19362fdd48@[205.139.74.161]>

Does the group have any luck finding the teensy-weeny 5v regulator for the
TiCK mod at Radio Shack? If not, where?

Grover

Kilowatt Seven Tiny Power

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
Subject: [10679] Need 15uH Choke- Help PSE.
Message-ID: <19970201183216.AAA67@LOCALNAME>

Hello and thanks in advance for any help.

I need a 15uH Choke (brown-green-black code) to complete my OHR Sprint I
just got. Any help would be appreciated. If anyone has one or can tell me
a source for one (where it won't cost me \$10.00 in shipping and handling for
a \$1.00 part). . Sent an EMAIL to OHR...probable won't get a reply until
Mon or Tues.

73 from Gary - W2UX QRP-L #593
CW is the REAL THING! QRP ARCI #8911
(EX: WA2UAX) Lexington, SC

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [10655] Need info - KDK 2033
Message-ID: <854804669.68678.0@gqrpclub.demon.co.uk>

Has anyone a circuit diagram for the KDK 2033 2m FM rig, please, to borrow

or photocopy. Needed to repair the rig.
Not strictly QRP maybe, but it does run (or should!) 5 watts...
Thanks.

---72/3---Frank G3YCC G QRP 042
QTHR (Kirk Ella, East Yorkshire)
QRP Web sites: <http://www.gqrpclub.demon.co.uk>
<http://www.geocities.com/CapeCanaveral/5179>

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: kf2zw@juno.com (Scott Hoag)
Subject: [10632] Nice QSO
Message-ID: <19970201.000048.6550.0.kf2zw@juno.com>

Well I guess I'm back on the air.. Pulled my Argosy II out of mothballs tonight and put it on my ground mounted AV5 vert. with a 12v gel cell that hasn't been charged since this summer. Everything worked well, had a nice (599 both ways) QSO with a K3YW, but had to cut it short due to LID's and the fact that my dog was being very urgent with her request to go out, hi.

73 all
Scott, KF2ZW
QRP-1 # 426

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: n2beg@juno.com (Douglas E. Stewart)
Subject: [10650] Nils' washer...
Message-ID: <19970201.084701.9286.0.n2beg@juno.com>

OK, have we all been deceived? I remember hearing an awful lot of ramblins 'bout the Nils homestead 'cludin the Washer on the porch..... Now which is it man, in the garage, or on the porch?? Fess up!! maybe y'all gots mor en one....Thats alot of toe roids...HMMMMMMM maybe its the Badgers...or the Feds...Hmmm...

73z, Doug, N2BEG qrp-1 # 850, etc...

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: chas@nmaa.org (Charles Kadesch)
Subject: [10618] NorCal QRP Gear FS
Message-ID: <32F106B5.2728@nmaa.org>

Need to clear a few out so I have for sale (as a package) the following two items:
> NorCal 40A (Wilderness Radio). Great looking little rig.
> NorCal 38 Special (Unassembled). Price: \$120 shipped in U.S.
chas@nmaa.org

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Bill Todd <bill@techline.com>
Subject: [10694] NW Digital Test Results
Message-ID: <1.5.4.32.19970201215922.0067fdb4@mail.techline.com>

Hello Gang -

Well, this is really FUN!

I didn't start operating until about 11:45 AM, and it is 2 PM now. So far, I have 12 QRP RTTY contacts, including RI, OH, MI, LA, TX, es FL - all on 20 meters. No contacts yet on 10 meters (nary a peep).

It should be interesting on 40 meters this evening.

CUL, Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [10651] off-line fcc database
Message-ID: <Pine.SOL.3.94.970201083057.9953C-100000@utkux4.utcc.utk.edu>

Jim Hardy, K4HAV, as a service to 10-10 members, has provided a search program and databases for off-line name and address searches. He has made 3 databases: the full FCC (very large, even when zipped), a 10-10 database of members, and a QRP-L database of members of this list. You can download the search program and any one of the databases, open them (unzip) and find the FCC record of name and address to go with the call.

The easiest way to get these files if you have a browser is to visit the 10-10 home page:

<http://www.lehigh.edu/lists/tenten-l/>

Look near the end of the home page for the entry "10-Meter Operations aids" and click on the database link to Jim's pages. Read carefully and follow downloading instructions, as well as file unzip and use instructions.

You can also obtain them via direct ftp via
ftp://ftp.lehigh.edu/pub/listserv/tenten-1/callsign/

Download the .txt files for instructions and .zip files of choice. All databases unzip with the same name, so only one can be used in a given subdirectory of your pc.

These databases, big or small, depending on your machine capacity and needs, can give you a quick off-line view of names and address to go with calls. Jim will be updating the databases regularly, and you can download a replacement database and unzip it at your convenience. However, remember that the data will only be as good as folks remembering to update their info with FCC.

We (Jim Hardy, K4HAV; Jim Eshlemen, N3VXI; and I) hope this service will be useful to the QRP-L gang as well as to the 10-10 gang (without gang warfare, since numerous folks are members of both). If you are uncertain about utility, storage capacity, etc. I suggest you start with one of the small databases. Best downloading time for large files is early AM (3 to 8 AM eastern time)--can make up to a 100:1 data transfer rate difference compared to downloading at peak hours. You would be surprised at the number of junctions between Lehigh and you at some hours of the day.

Hope this info is useful to some.

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [10644] Oops
Message-ID: <199702011212.MAA25613@chuck.dallas.sgi.com>

A note for those who hav not been paying attention.
The server database used by LISTSERV@LEHIGH.EDU
is direct from the FCC database. This gives you
two problems.

1. If the USofA call that you send does not come back, i.e. not found, then you copied the call incorrectly, or the other station sent it wrong,

or the other station is what we call a pirate or SLIM. He/she is pirating a call that is not in use to get on the air. The term slim requires a longer explanation and used a lot in DX circles a lot.

2. The listserver can not look up DX calls other than American possessions. You need to surf to Buckmaster or QRZ CDRom web sites to get that info. And there is a logical explanation for one too. They are in business and want to stay that way. I personally purchase each QRZ CDRom as they come out. It is usually on sale and I can use the database locally at the desk when listening on the air.

On a political note. I keep hearing rumors of the big guys in trouble with sales of rigs down etc. As in any other human endeavor, if we the hams don't support the commercial places like local surplus parts dealers, ham outlet stores, etc. They will disappear.

Someone sent me email that in the photo of some of the rigs on the desk on the web page that they noted there was not a single commercial rig. Hmmm. Lots of kits and isn't that commercial? If they meant pre-assembled I do have a TenTec 525D and a TenTec Corsair I in the closet. But the Corsair I still has a tiny tiny relay somewhere after I went and disabled the external amplifier switching relay. :-) It is QSK but I can hear the relay. I am anti-relay. That's why I don't use the MFJ-90XX rigs either. To me relays spell trouble. MTF stuff etc.

So do visit the local stores aperiodically (don't stay away too long) like you do Radio Shack and keep going to them. If we don't buy the parts, they will find another use for the shelf space.

I don't have to worry about Anchor, Ace, and the surplus places in San Jose, Sunnyvale, etc. The NorCal group is doing their fair share. :-) ;-)

FYI

SIG

Chuck Adams K5FO adams@sgi.com

http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: Elliott Lawrence <edl@pacbell.net>
Subject: [10684] Oscilloscopes
Message-ID: <32F39CFC.28DD@pacbell.net>

My internet provider was having an "unplanned maintenance" of their e-mail server. I apparent missed the original posting on oscilloscopes when some mail was lost. I am considering acquiring a scope and would appreciate it if any could send me a copy of the messages.

Thanks for your help.
vy 73/72
Elliott WA6TLA

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Elliott Lawrence <edl@pacbell.net>
Subject: [10689] Oscilloscopes
Message-ID: <32F3AB69.4D6C@pacbell.net>

Thanks for the quick responses. I am up to date now.
72/73
Elliott WA6TLA

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: jdenison@aisp.net (JOEL DENISON)
Subject: [10672] please forward ARRL wants...
Message-ID: <19970201174636239.AAA143@slip1.ts-f-merrill.caps.maine.edu>

Hi everyone:
I am feeling a bit foolish but need to ask anyhow.
Can someone forward a copy of the... ARRL wants your... post.
I thought I had made myself a printed copy, but IT an't there and I would like to read it a few more times as I am curious to see just how much cw space on all the bands is going to be lost if this thing is approved.
thanks, :-) joel

God Bless
Joel

WA5CVM
Joel Denison
81 High street
Farmington, Maine 04938
jdenison@aisp.net
40 mtr dipole up 40ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Bob Roach <KE4QOK@worldnet.att.net>
Subject: [10647] Powerline noise "How To"
Message-ID: <19970201125517.AAA4497@LOCALNAME>

OK guys, here is the info on what to do to get help from the power company.

First of all, make sure the interference is not coming from something inside your own house. Next notify the power company that you have a problem. In some areas they send out a questionnaire after you file a complaint and if you do not fill it out and return it they do not follow up. Try to be reasonable, line noise is not more important than repairing a service outages, even on sweepstakes weekend. When you talk to the company representative get their name first thing and call them by their name so they know that you know who they are. Provide as much information as possible (is the noise worse in wet weather, dry weather, when the wind blows, at a particular time of day, ect.). They have equipment for tracking down interference but the info you can provide to narrow the search area the better. A cheap AM/FM radio with no noise canceling ability is good for locating noise in your neighborhood (providing a pole number where the problem is located is a big help, if you're sure. Don't cry wolf). If you do not hear from any one for four or five weeks call back. If the person you are dealing with is unresponsive, ask them for the name and number of their immediate superior. Then call that person and explain your problem and the names of the persons you have already dealt with. (always be nice and be polite) As you work your way up the chain of command you will reach people who realize the companies obligation and who don't want you to get a chance to mention their name to their boss.

If you have exhausted every possible mean of getting help from the power company and you are absolutely certain that the problem is powerline noise then contact the state corporation commission and file a complaint. At this stage of the game a good record of your efforts to date is invaluable. Most all utilities have as a part of their charter and franchise agreement, the obligation to provide their service with out interfering with "other activities" in the community. When the state corporation commission gets involved the companies are obligated to answer the charge by the commission within a very short (varies from state to state) period of time.

Repairing these problems very often saves worse problems down the road for the utility but with advent of cable TV and better radios ect., fewer complaints are made and therefore the utility companies often believe that they do not have a problem because no one has complained.

I can't stress enough here the importance of tact and patience (I should

talk<GGG>). Ninety percent of the time the guy or gal on the other end of the phone does want to help you and will be much more helpful if they're not being verbally attacked by an irrate ham.

Hope this is helpful. And don't forget; be sure it's not the touch lamp in the den.<GGGGG>

If you have any general questions that I have not addressed here, drop me a private E-Mail and I will try to answer as time permits.

(o o)

-----o00_()_00o-----

73 es TNX

KE4QOK Real radios glow in the dark.

Bob Power is no substitute for skill.

 If it stayed up last winter, it was too small.

136 Hermitage Rd.

Newport News, Va. 23606 KE4QOK@worldnet.att.net

(757)930-0348

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: PDouglas12@aol.com

Subject: [10662] QRM Squasher

Message-ID: <970201101552_881563475@emout08.mail.aol.com>

Mark and the Gang,

The DeMaw article on the QRM Squasher is in CQ Mag for June 1996. See also the follow up article in Dec 1996 where front end filtering is discussed (for use in the event the squasher has overload from local broadcast stations.)

The QRM Squasher uses a simple active antenna and phasing system to pick up local noise and set 180 deg out of phase with your main antenna noise pickup, thus cancelling the noise. The article is must reading if you want to understand these devices. The Squasher must have its relay keyed by your keying circuit, and if it isn't set up with the relay working correctly, you can blast its front end out of existence with a single transmission. I have a QRM Squasher PC board built, waiting for suitable cabinetry before it can be tried out. The DeMaw Squasher can be built for around \$25-35, depending on your parts bin. It requires 1K and 2K pots, which aren't in Radio Shack, and a couple of toroids, so you may have to do a mail order to get some parts--they are not hard to find, however. I do plan to report further on its operation and will be able to compare it with the ANC-4. Coming soon.

Far Circuits has the pc boards for the DeMaw version. They are at 18N640 Field Court, Dundee, Illinois 60118---tel 847-836-9148 (phone/fax) and email at farcir@ais.net. They also have an online catalog, but I don't keep the address. You can easily find them as they are linked from the Norcal and the QRP-L web pages. They take credit cards in phone/fax/mail orders: they definitely don't take orders by email. The Squasher board is \$4.75 according to the latest catalog I have (that may be about a quarter more than the price in DeMaw's article) and they get something for shipping/handling, but I don't have that amount handy.

JPS Co. also makes a similar device. It has an automatic RF-sensed relay, making QSK or near-QSK possible without having a keyed line added from your rig. This device is the ANC-4, available for the pricey cost of \$153 from the dealer, RF Davis -- advertised in all QSTs if you need their address.

Nice folks to do business with, and I have the ANC-4. On 80m and often other bands too, it is so effective it is nearly miraculous.

The pre-Christmas MFJ catalog had another similar device. When I called them in late December, they said they were not yet shipping these. You might want to inquire, as the MFJ version was priced nearer to the 100 mark. I would note, however, that the ANC-4 above is built to last and has a lot of support and options built in (including a front-end broadcast band filter that can be jumpered in, if needed). Pays your money and takes your choice.

72,

Preston WJ2V

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: n4so@juno.com (CHARLES K BROWN)
Subject: [10660] QRN SQUASHER
Message-ID: <19970201.085606.6535.5.n4so@juno.com>

QRN Squasher

refer to CQ Magazine, June 1996 for "QRN Squasher MK-II" by W1FB, and to the followup article in CQ Magazine, "Curing QRN Squasher MK-II Overloading", December 1996, page 36, also by Doug DeMaw, W1FB.

The NIR-12 by JPS is advertised (and reviewed) as noise and interference equipment.

Ken Brown, N4SO
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Pete Rossi <wa3nna@resuba.com>
Subject: [10633] QRP BEACON SCHEDULE CHANGE
Message-ID: <199702010509.AAA26793@resuba.com>

Please refer to the previously posted beacon announcement for Feb 8-9

I had originally planned to leave the beacon on all of that Sunday evening, however, I just found out that I will need to shut down the beacon earlier. I expect it to be on only until sometime mid-afternoon Sunday.

I will post a more accurate STOP TIME early in the week... as soon as I know. The START TIME will still be Friday evening.

Pete Rossi - WA3NNA
wa3nna@resuba.com

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Joel Malman <malman@BBN.COM>
Subject: [10616] quick cap question ...
Message-ID: <199702010225.VAA23784@nss2.CC.Lehigh.EDU>

Is a cap marked 100k actually .1uf ?

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [10637] RADIO CLUB SOFTWARE LIBRARY
Message-ID: <19970131182416.AAB22039@LOCALNAME>

Greetings, all... I'm collecting experience and opinions re subject in an effort to implement same in our local, "Candelwood" radio club. I'm asking for input from those who have experience with technical librarys featuring software, hardcopy, etc.

Security issues are a major concern, i.e., the *Potential* problem of piracy. The original idea was to have a 3-ham group in charge of managing the library and "ELMER-ing" the club as a whole re application of the software to projects, training, etc. Those who really want their own are free to purchase it... with the benefit of the experience base in the club.

S00ooo... what do you think? All opinions gratefully received. Thanks in advance! =s=

"Seab" Lyon - AA1MY
Bethel, CT; FN-31-HJ
ARCI#9253; QRP-L #574
NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [10611] Radio Shack answer and a Question
Message-ID: <19970131.203159.4655.0.wb2vuo@juno.com>

Someone mentioned on the List this week that Radio Shack doesn't have the 50-ohm dummy load anymore. Actually they still do, but it is a Radio Shack Unlimited item. It is in the catalog on Page 49.

Now, the question. I saw a negative comment on the DX-394 Shortwave RX in their current catalog, but no particulars as to why it wasn't any good. Anyone have any particulars on this RX, good, bad or indifferent. And, can you substantiate the claims, good or bad???

Direct replies, please (unless you think that the List would benefit from a Posting...)

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, Tech Specialist (ARRL/WNY),
ARRL Life Member, VP/BARK, Beacon Chaircritter, Rochester VHF Group
Trustee, KB2YTW/B 10 Mtr QRPp Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen (NY) Swamp...FN13ac"
Packet - wb2vuo@w2im.#wny.ny.usa.noam
Email - wb2vuo@juno.com

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: d.nordquest@juno.com
Subject: [10681] Scope Info Needed
Message-ID: <19970201.135840.4399.0.d.nordquest@juno.com>

I recently acquired an HP 141B Storage Scope and have a simple wiring question.
Would appreciate an email if anyone has a similar unit or a schematic.
Thanks!

BTW, the recent posts on scopes were very useful.

73, Dave

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Marshall G. Emm" <mgemm@mtechnologies.com>
Subject: [10615] Special Offer for Web Shoppers
Message-ID: <32F2A367.3FA@mtechnologies.com>

Milestone Technologies (and CQC) web pages have been updated. Look for a new special offer on the MT page-- it's good for web shopping during the month of February and applies to anything you order on line.
<http://www.mtechnologies.com/mthome>

73
Marshall
AA0XI

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [10646] Starter antenna question
Message-ID: <Pine.SOL.3.94.970201073818.5701Q-100000@utkux4.utcc.utk.edu>

The following is what I sent to Kevin, but had it returned. Hope he receives this via this route, along with the other subscriber who wished the suggestions made "public." It's my best shot without having a yard plot in hand.

Kevin,

There are lots of antennas you might use, but why not start out basic and go from there as you renew your information base. My suggestion would be a 135' (or if the space is not available, a 102' or even a 67') center-fed wire just as high as you can get it. Feed it with 450-ohm line (or even 300-ohm line) to an antenna tuner. Then you have all bands available to try. As you renew your experience, you will discover what the problems are at your site and can develop other antennas to overcome them.

Hope this is useful.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\----	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/ /	(FAX) (423) 974-3509
37938-4443 USA	/	\	\	\	\		cebik@utk.edu
QRP/ARCI 2572	G-QRP 7203	CQC 125	NEQRP 347	NORCAL 1111	MIQRP 1432		
NWQRP 401	ARRL Life: Educational Advisor			QCWA 13211	10-10 41159		
scQRP 28	CW Ops QRP Club (VK) 476			FISTS 2600			

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
 From: tahrens1@juno.com
 Subject: [10617] The Hunters and their age
 Message-ID: <19970131.205240.4887.0.tahrens1@juno.com>

As promised, here is the data from the December 26
 fox hunt. The data was gotten from the fcc lookup
 facility on the listserv.

age	number
-----	--------

79	1
74	1
70	1
69	1
67	1
64	2
61	4
60	2
58	1
57	1
56	4
55	5
54	2
53	2
52	1
51	1
50	3
49	3
48	4
47	3
44	3

43 2
41 1
40 2
37 1
35 1
17!! 1

There you have it. The hunters and their age.

cu

Tim W5FN

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Jeff McDowell NOWCF <jeff@saturn.flipag.net>
Subject: [10666] The unbuilt NorCal Sierra is sold!
Message-ID: <32F36DA4.56FA@saturn.flipag.net>

Thanks to all who expressed interest! Your all great!

72/73 Jeff, NOWCF

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Salee, Joe C." <salee.ucs@smtp.usi.edu>
Subject: [10671] Tnx fer NN1G xcvr help
Message-ID: <B653F27201EA38D9@smtp.usi.edu>

Sorry for not extending a word of thanks sooner but my internet access was unavailable for several days. My problem was that in the two board version of NN1G's xcvr, the xtal filter was too broad. Instead of buying the matched xtals from Dan's Small Parts, I think I'll pad the BFO to shift it a little farther, and remove the xtal in xmtr oscillator and inject a sideband signal there. Has anyone tried that?

I still haven't resolved the low sensitivity problem, but that may also be part of the filter mismatch.

Thanks to all for the assistance.

73 de Joe KB9GMC
Evansville, IN
salee.ucs@smtp.usi.edu

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [10661] Tuner for 160m -help
Message-ID: <Pine.GS0.3.95.970201100502.3970B-100000@lictor.acsu.buffalo.edu>

Hi Gang,

I am trying to get onto 160M but none of the antenna tuners that I have has enough inductance and/or the 4:1 balun is not appropriately sized. Instead of dismantling/reconstructing a tuner I would like to build a new one.

I have the KB8N PiNet desing notes and would like to know what value I need to use to make this work? Are the 400 and 500 pF caps enough? Is 12 uH of inductance enough?

My antenna for 160 is an inverted L, 35' vertical then 140' horizontal. It also serves me as an end fed zepp for 80/40/20. Works super with the ZM-1 by the way.

Or should I do something else to tune this wire up to 160? All assistance appreciated. Thanks.

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [10621] Tuner test results II+
Message-ID: <199702010347.WAA30330@mh004.infi.net>

Gang,

I'm still testing tuners and more results will follow. In the meantime, I'm adding another criteria that you will find interesting if not amazing. The new data is "Average Loss Percentage". I didn't include this figure before, because I was afraid it would be misleading. (we all know about drowning in a river that averages 1/2" deep)

However, one of the problems with tuners is that they may give the user a false sense of confidence. They may do an excellent job of matching the rig

to the antenna system, showing SWR 1.0:1, but while they are doing that, they may convert 90% of the signal energy into heat right in the tuner. The same tuner with a different antenna on a different band may lose only 15%, and still match 1.0:1! With our QRP signals, we may not notice heat in the tuner, but our signal strength will suffer. So, the average loss will give us an idea of overall tuner efficiency.

It is important to remember that the information below is a summary, and cannot indicate performance on any individual SWR/Frequency combination. Some perform better on certain frequencies than others. It is important to remember also that these results are based on testing one or two tuners which may or may not be representative of all of the tuners of the same model. (particularly true of kits which may have variations in wire routing)

The tuners were tested for five conditions:

RANGE - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, that could actually be tuned to 1.1:1 SWR or better.

Results:

MFJ-949E 137/162 (137 out of 162 possible)

ZM-1 140/144

St. Louis 138/144

EFFICIENCY - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, which resulted in less than 20% (approx. 1 db) power loss.

Results:

MFJ-949E 49/162

ZM-1 60/144

St. Louis 1/144 (not an error)

AVERAGE LOSS PERCENTAGE - The average signal loss of all of the SWR/Frequency combinations which would match to 1.1:1 or better.

Results:

MFJ-949E 29%

ZM-1 22%

St. Louis 43%

SWR BANDWIDTH - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, which enabled a tuning range greater than 5% of the primary frequency. (5% on 7.2MHz is 360Kc) (Once the tuner is set, how far can we tune from the frequency before SWR climbs to 1.5?)

Results:

MFJ-949E 73/162

ZM-1 61/144

St. Louis 77/144

BALANCE - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, indicating a balanced output with less than 1.5:1 difference between the lines.

Results:

MFJ-949E	52/81
ZM-1	72/72
St. Louis	72/72

Several other tuners will be tested, including the Rainbow tuner.

CUL,

Bob Kellogg, AE4IC, Greensboro, NC

Prolably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>

Subject: [10627] Tuners have partially arrived!

Message-ID: <Pine.3.89.9701312231.A31969-01000000@w3eax.umd.edu>

Well, I expected FOUR boxes to arrive...

Only THREE did. UPS has greatly impacted my ability to fill orders this weekend. One of the boxes contains ONLY cardboard boxes, but of course THIS is one that showed up.

Thus we have TWO boxes of "stuff" out of a total of three.

Frustrating. I'll do what I can this weekend given what arrived.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: majewski@erim.org (Ron Majewski)

Subject: [10635] W8RU FOX Log -- typo correction

Message-ID: <9702010513.AA22367@spsd630a.erim.org>

Hello again,

I introduced a typo in my first log posting. "nq7h" should be "nq7x" for the QSO at 0106. Here is the updated log.

72/3,

Ron (W8RU).

----- (Corrected FOX log for 29 October UTC) -----

utc	call	sent	rcvd	s/p/c	name	# / Power
0100	ab5ua	579	559	ok	cliff	478
0102	aa0xi	559	559	co	marshall	153
0103	n6mm	569	579	ca	harvey	318
0104	w6zh	579	589	ca	pete	257
0106	nq7x	569	569	az	floyd	343
0107	kk7bd	559	569	az	dan	5watts
0109	ke4yh	559	569	fl	stew	590
0111	n1qqv	559	559	ct	ken	400
0112	kk5ro	559	579	ok	vernon	325
0114	w5fn	579	579	tx	tim	586
0117	ni0a	559	449	mn	john	689
0117	ab7tt	559	559	az	joe	191
0119	k5on	569	569	nm	gary	770
0120	ab5ou	559	559	nm	tim	73
0123	k1mg	559	559	ca	mike	614
0125	n6xu	579	559	ca	stan	66
0126	n5lu	579	599	ok	bill	5watts
0127	k5jhp	569	339	tx	bill	825
0129	k2vco	559	569	ca	vic	72
0130	ve7sl	569	559	bc	steve	769
0131	nn9k	549	529	il	peter	5
0133	ab7my	579	569	az	gary	571
0134	ka1axy	559	579	ma	pete	260
0138	wa1qvm	449	559	ma	joel	337
0142	nq7k	459	559	az	mike	47
0144	w7gvn	559	559	az	rod	849
0147	ki7mn	559	449	az	bob	271
0151	k6vnx	569	579	ca	arlen	5watts
0158	n7kt	559	559	az	roger	62
0203	n7gs	559	559	mt	mal	815
0209	w7kxb	459	549	az	bill	4watts
0213	ab7tk	459	339	id	randy	102
0216	w6su	559	339	ca	john	48
0220	wz2t	549				
0226	ku7y	559	559	nv	ron	17
0237	n7mfb	449	559	wa	bill	715
0242	w8bdr	449	449	az	del	?

0252 w6bab 449 339 ca harvey 5watts

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [10624] Wilderness Radio Sierra special offer thru March 1
Message-ID: <199702010403.UAA06629@mail.well.com>

Folks,

Bob at Wilderness would like you to know that he is extending his New Sierra special through March 1st: a free Buzznot noise blanker kit with each Sierra kit. I guess the response has been very good, and he's got plenty of Buzznots :)

73,
Wayne
N6KR

Disclaimer

I designed the stuff; you expect me to be impartial??

;)

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [10629] Re: antenna opinions wanted
Message-ID: <32F2CD33.2643@earthlink.net>

Being in a similar position in terms of a small lot, I would ask that responses be posted to the group so I can read them as well!

Cheers,
Ken, N6TZV

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [10675] Re: antenna opinions wanted
Message-ID: <3.0.16.19970201091547.2e6727d8@mail.lightside.com>

Kevin:

I just got back into Ham Radio after 18 years. I'm on a lot 72'X105'. There is a 35ft. maximum height restriction. I put up a 40M Tri-Loop antenna described by Cecil Moore on QRP-L. It gives me 6 band coverage with a tuner. 30M is 1.4:1 the rest go to 1:1. I would go with a dipole and a tuner at what ever height you can fit. I am adding a dipole to cover the paths that the Tri-loop doesn't get.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: jdenison@aisp.net (JOEL DENISON)
Subject: [10623] RE: ARRL WANTS...
Message-ID: <19970201035332095.AAA98@slip7.ts-f-merrill.caps.maine.edu>

If this ARRL proposal goes through it would appear that some more "cw freq." will be lost, but who fools with that stuff anyway? :-)

It would appear that instead of throwing cw out altogether we are only going to lose some cw space.

If ssb was the "magic answer" this would be a neat proposal.

However it would appear that all classes of licences that have cw priv. will share some freqs. and all be able to get together and more hams will have a better shot at dx. It should also make bandwidth on the qrp rigs less demanding.

The last time a major proposal like this became law, I lost frequencies. If this goes through I will gain some more ssb space and my antenna won't have to be as broad-banded to work both cw & ssb.

Hey, it an't that bad, just different.

God Bless
Joel

WA5CVM
Joel Denison

81 High street
Farmington, Maine 04938
jdenison@aisp.net

40 mtr dipole up 40ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Gary R. Widmayer" <grwidma@edcen.ehhs.cmich.edu>
Subject: [10612] Re: Belize? -- V31RG?
Message-ID: <32F299F6.6BA4@edcen.ehhs.cmich.edu>

Barry, DX cluster here does show V31RG on with three spots on 40M, one right where you heard him.

QSL is via V31RG, Marty, Punta Gorda, Belize.

Any other QSL questions please email.

Gary/N8AYY
Manchester, MI

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Robert D. Haslach" <rhaslach@CapAccess.org>
Subject: [10652] Re: Belize? -- V31RG?
Message-ID: <Pine.SUN.3.91-FP.970201085110.8643A-100000@cap1.capaccess.org>

I just received my QSL card from V31YK/V31MP/V31KR (I worked V31MP/W5ZPA on Dec 14 96.) It looks like a good destination for hamvations!
Bob N3FRT

On Fri, 31 Jan 1997, Randy Foltz wrote:

> Hello, Barry.
>
> Yes I worked V31RG a few weeks ago. Listening to him in other QSOs he
> said he was in Punta Gorda. When I checked the qsl-info@datasync server,
> it had no entry for his call.
>
> Randy
> AB7TK ARCI QRP-L NORCAL NWQRP ARS
> Moscow, ID
>
>
>

Regards,
Robert D. Haslach
Bye

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [10640] Re: Builders
Message-ID: <199702010644.BAA65718@nss2.CC.Lehigh.EDU>

Gary/N8AYY wrote:

> Isn't anyone building anything other than the 38S?

> Gary/N8AYY

I am , but its not a qrp rig. Just rx'ed the CK-1 Clock kit from "Whiterook Products Co". Looks like its going to be lots of fun ! Can't wait to get started with it, but gotta stop reading this !@#@\$ e-mail !!!!!!!!!!!!! :-)

72/73,
Steve Hurst
KA7NOC
di dit

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Bill Kelsey - N8ET - Kanga US" <kanga@mail.bright.net>
Subject: [10648] Re: Builders
Message-ID: <199702011307.IAA16608@mail.bright.net>

Yes - there are people building other kits - Many KK7B R2 / T2 combo's out there, and miniR2/T2/LM2 combo's also.

73

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://qrp.cc.nd.edu/kanga/>

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
Subject: [10664] Re: Builders
Message-ID: <19970201152732.AAC19671@LOCALNAME>

>Didn't anyone except Chuck Adams build a TenTec 1340 40M Kit yet? So
>how did the 1340 Kit go and please post a road report.
>
>Many thanks
>
>Gary/N8AYY

=====

I just finished a TKit 1340 and it works like a champ. Great kit. If you have any questions...please ask. Chuck kinda said it all about the 1340 in his report...though I have posted a few comments.

Also building an OHR Sprint for 40M (kit is several yrs old) and it is going well. Was a kit that someone did not want after they started and now it has a couple parts missing (will hold up completion slightly).

We are building...just not real vocal about it until we need help.

73 from Gary - W2UX QRP-L #593
CW is the REAL THING! QRP ARCI #8911
(EX: WA2UAX) Lexington, SC

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [10674] Re: Builders
Message-ID: <3.0.16.19970201090016.2cc798cc@mail.lightside.com>

Gary:

When I first joined QRP-L, in June. Then there was a group buy on the OHR-400. I built it. It was the first major kit/building I'd done in 18 years. Then I built the 49er. It was followed by the WM-2 and the SCAF, also on a group buy. Just finished the AK-1 Keyer. I have waiting a ZM-1 Tuner and on order the 38S. I am currently working on my shack layout. What I am REALLY looking for is a QRP SSB/CW transciever with capabilities of more than one band. I am considering the KK7B kits. Oh yes, I bought a TS-140S as a backup.

At 22:50 1/31/97 -0500, Gary R. Widmayer Wrote
>Isn't anyone building anything other than the 38S?
[Snip]
>Didn't anyone except Chuck Adams build a TenTec 1340 40M Kit yet? So
>how did the 1340 Kit go and please post a road report.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [10683] Re: Builders
Message-ID: <199702011943.0AA07136@mh004.infi.net>

Hi Gary,
At 10:50 PM 1/31/97 -0500, you wrote:
>Isn't anyone building anything other than the 38S?

Sure, I'm building Doug DeMaw's little crystal test and match unit from "QRP Classics". It's a little 5 transistor deal. got the board from Far. Just about finished with it. In fact, I'm testing it, and can't get the darn oscillator to kick into gear.

So, you see, I'll be set up to design my own crystal lattice filters using cheap crystals.

Now all I need is a good signal generator!

There's more to life than tuner testing!!

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not nececelery. - Benny Hill

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [10643] Re: Email Call Sign Server?
Message-ID: <199702011150.LAA25572@chuck.dallas.sgi.com>

Dan,

You probably got a ton of email on this one.

Send email to LISTSERV@LEHIGH.EDU, leave subject line blank,
in body of your message put

```
RUN QRP-L X CALLS2DIST KK7BD K5F0  
RUN QRP-L X CALLS2DIST KK7BD K5FJZ  
RUN QRP-L X CALLS2DIST KK7BD N8ET  
...
```

You will get back a separate message for each line. I put
them in CAPS to keep people from messing up on the L vs. numeral
one's etc. They work just fine in all lowercase.

You will also get back one message that says there is an error
but you get that one because of the first line in your signature.

Hope this helps.

```
dit dit  
SIG  
Chuck Adams K5F0 adams@sgi.com  
http://reality.sgi.com/employees/adams\_dallas/
```

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [10657] Re: Far Circuits - Help
Message-ID: <3.0.32.19970201091353.006a411c@pop3.concentric.net>

Can anyone give more information on this qrm smasher? Was it published in
QST or somewhere
else?

Mark -WB0IQK/8-

At 11:19 PM 1/31/97 -0500, jerry wrote:

>Gang,

>

>I need the phone # or address for Far Circuit's. Need the info to get the
>board for the "qrm smasher". I have a very bad pulse noise here from a
>electric fence nearby with a very uncooperating farmer. Do you think the
>qrm smasher will help? Thanks

>

>Jerry

>WD9CTB QRP-L 846

>
>
>

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [10677] Re: Far Circuits - Help
Message-ID: <3.0.16.19970201100720.2e67e098@mail.lightside.com>

Jerry:

QRN Smasher; CQ Magazine June & Dec. 1996.

Fred Reimers, KF9GX
Far Circuits
18N640 Field Ct.
Dundee IL 60118
Fax: 706-836-9148
<http://www.cl.ais.net/farcir/>

I'm waiting for delivery of the board.

At 09:16 2/1/97 -0500, Mark Gilger Wrote
>Can anyone give more information on this qrm smasher? Was it published in
>QST or somewhere
>else?
[Snip]

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Bob O'Connell" <reo@azstarnet.com>
Subject: [10663] Re: fuses
Message-ID: <Pine.GS0.3.95.970201075938.27004A-100000@web.azstarnet.com>

In reading some the post about fuses and other tricks, I remembered a the cheap fuse trick a friend used on his work bench. Where you would normally have a fuse, he had two posts sticking up. He would cut the proper length of multi strand wire and every time it would blow put a new

piece around the posts. With a little calculating, you can figure what size will give you what amp rating or you can use multiple strands for higher amperage. Just remember, you do not want to exceed the current rating of the unit being tested. Wire is cheaper than fuses and besides you probably have several spools on or under the work bench.

72's and later,
Bob

```
-----  
/  Bob O'Connell          /  If hook, slice, and dribble  /  
/email reo@azstarnet.com /  are considered, yes I play golf./  
/-----/-----/  
/Amateur Radio KC5DWB    /          LINUX          /  
/Twisted pair (520) 292-0551 /The choice of the GNU generation /  
-----
```

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Jim Dolson <dolsonj@ix.netcom.com>
Subject: [10687] Re: GREEN MOUNTAIN 20 (30 too!)
Message-ID: <32F3A40A.6274@ix.netcom.com>

Mark Gilger wrote:

>
> I've recently put together, what I consider one of the best radios I've
> built in a long
> time, the "Green Mountain" from Small Wonder Labs (40 meter version). It's
> really a
> I've had to make a few small mods, so if anyone is interested I can post
> them here. I've
> also added the Emtech 2 pole audio filter.
> If anyone else has good mods for the GM please post them.

Mark,

Yes! Please post them. I was just getting online to send a request for comments on the Green Mountain 30 meter transceiver.

1. The Emtech audio filter - does the additional filtering make a difference?
2. Do the Green Mountain rigs do the AGC in the audio section? I'd like to add a KC-2 frequency meter/s-meter/etc to the rig.
3. Does anyone have other comments/mods for the GM line of radios?

Jim
wb8zbd
dolsonj@ix.netcom.com

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: George Gingell <k3tks@u1.abs.net>
Subject: [10636] RE: Handy Tip & Offer
Message-ID: <Pine.BSI.3.93.970201001409.25034B-100000@u1.abs.net>

LARRY, Are you ready to try the lamps now? :-)

I am offering samples to a limited number who request them.
Type 51A (Telephone) Lamps. 10-12 VAC approx 35-45 ma. Mileage varies..
Small SASE with at least 2 units of postage or a label and a Buck.
Happy Homebrewing. 72,73 es

QRP DX TU (C) 1986 G.Danny Gingell, K3TKS@.abs.net
Maryland Milliwatt QRP Reference Library, (301)572-6789

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: lve1@inel.gov (Larry V East)
Subject: [10685] RE: NC38S: 5W PA cleanup
Message-ID: <2.2.16.19970201200235.1427da4c@eloi>

>
>Paul Harden's suggestion of putting a 330pF to 560pF capacitor at C501 is
>mandatory.

>
Have you determined a "best" value to use, or is it very noncritical? (That
is, will any value in the range 330pF - 560pF work about the same?)

>
>I have also found another thing which you may or may not need.
>Apparently, some IRF510s are more prone to VHF parasitic oscillation than
>others. Although I have not seen any parts which are really bad, some are
>just a little bit too eager. The 10 ohm series gate resistor and ferrite
>bead don't completely subdue these FETs. I found that it was best to add a
>150 pF ceramic capacitor at the location marked ZD101 on the board. This
>cleans up the residual VHF stuff either by reducing the gain at these
>frequencies or by swamping the non-linear gate capacitance of the FET.

>
I assume you mean for the 150pF cap to go from the point mentioned to ground.

I find it somewhat surprising that the IRF510 would exhibit VHF instability since its high C_{in} should cause a pretty fast roll-off in its frequency response. Haven't seen that problem with the IRF510 in my QRP+, and I have been doing a lot of messing around with the final. One thought comes to mind -- maybe it is the bead that is causing the problem; have you tried removing it? I have seen several comments that ferrite beads should NOT be used in FET gate circuits -- just a small series resistance. You might try that and report back.

72,

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [10607] Re: NC38S: clicks and thumps
Message-ID: <19970131.185754.12279.0.WB8YGG@juno.com>

Ok we're getting there!
I put the scope to work last night.

Dual Channel Storage..

I dumped an rf signal into the front end of the rig.
Put a square wave into the key input (I put the full coke can up against the dit paddle with the TiCK at high speed), and then looked at the audio output with one probe, and pins 13, and 12 of the 4066 with the other.. Well, As the signal at pin 13 went high , there was a long delay before the audio output showed a thump. And of course as 12 went high it correlated directly with the thump. Ok, but that is probably intuitively obvious.. But adding a .1 uF cap across C12 did nothing! It appears that no matter how long the delay the thump is there. :-(I thought that I had it, but no, or was it just too late.. :-).

FYI, I'm still only running stock power.

73 Brad WB8YGG

On Fri, 31 Jan 1997 15:13:22 -0800 "Michael A. Gipe"
<mgipe@reliablemeters.com> writes:

>

>Just playing around:

>

>The thumps are coming from somewhere between U3 pin 4 and R19.

>

>

>
>Mike K1MG
>
>
>

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Jouni Tuhkio <tuhkis@sci.fi>
Subject: [10608] Re: NC38S: Thumps and clicks
Message-ID: <3.0.32.19970201022537.006f5134@sci.fi>

At 15:40 31.1.1997 -0800, you wrote:
>OK, my educated (ha!) guess is that increasing R7 to 10K, or perhaps 20K
>will significantly reduce the thumps.
>
>I don't have time to try it just now. Can someone try it and tell me what
>happens?
>
>Mike K1MG
>
>
Hello!

I have tried these delay=B4s....replaced R7 and R8 with 100k trimpots...R7 is
s
now=20
4.7K, more or less is worse, R8 original, some of the thumbs are gone but
not all.
I also replaced those 1N4007=B4s to 1N914=B4s but clicks anyway.

73 Jouni OH3LZU

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: chas@nmaa.org (Charles Kadesch)
Subject: [10654] Re: NorCal QRP Gear FS
Message-ID: <32F137D1.2920@nmaa.org>

Package has been sold.
TNX/72.

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997

From: Brian Short <ke7gh@primenet.com>
Subject: [10686] RE: Oscilloscopes
Message-ID: <01BC107C.9A8DBAA0@ip011.phx.primenet.com>

I didn't respond earlier to the scope query, but I would be happy to share my opinions on the matter for what they are worth.

As a US Navy Data Systems Technician some years ago, my 2 primary tools were a Simpson 260 VOM and a Tektronix 465 o'scope.

Today (at home), I use a DVM (Digital Volt Meter, actually Digital Multi-Meter) and a Tektronix 466. Both the 465 and 466 are 100Mhz o'scopes, but the 466 in addition is a "storage scope." I bought the 466 in place of a 465 or 465B only because it was available at a good price when I was looking.

In those days past, repairing high speed digital circuits, a storage scope was occasionally necessary, but for home use I have not (yet) encountered a case where I needed that capability (not that I do THAT much work at home).

Anyway, both units look nearly identical. They do not require "plug-ins" or a "cart." They might be referred to as portable scopes, but they do require 110VAC. There are carts available for them, but I like to drag mine from place to place by itself.

Maybe it is just nostalgia, but personally, I would buy nothing else for my purposes.

Prices recently for these models have been reasonable (considering). They can be found from \$300-400 from dealers with guarantees etc in Nuts & Volts Magazine. The 465 or 465B go for less, obviously, and those would be MY first choices.

I have seen them available locally at defense contractor auctions, but there is no guarantee at these sorts of events and they really may NOT work for some reason, but I personally have never had nor seen a broken one. My advice, go with a dealer.

Your mileage may vary, of course.

73, Brian ke7gh@primenet.com >or< <http://www.primenet.com/~ke7gh>

From: Elliott Lawrence[SMTP:edl@pacbell.net]
Sent: Saturday, February 01, 1997 7:43 PM
Subject: Oscilloscopes

My internet provider was having an "unplanned maintenance" of their e-mail server. I apparent missed the original posting on oscilloscopes when some mail was lost. I am considering acquiring a scope and would appreciate it if any could send me a copy of the messages.

Thanks for your help.
vy 73/72
Elliott WA6TLA

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Mark Gilger <mgilger@concentric.net>
Subject: [10699] Re: Oscilloscopes
Message-ID: <3.0.32.19970201185138.006b27f4@pop3.concentric.net>

FYI
http://www.tek.com/Measurement/App_Notes/XYZs/contents.html

Mark -WB0IQK/8 -

At 12:45 PM 2/1/97 -0800, Elliott Lawrence wrote:
>Thanks for the quick responses. I am up to date now.
>72/73
>Elliott WA6TLA
>
>
>

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [10649] Re: Powerline noise "How To"
Message-ID: <Pine.SOL.3.94.970201081130.5701S-100000@utkux4.utcc.utk.edu>

Bob,

Many thanks for the info and advice. Hope one of the QRP journals picks this up and reprints it with your permission (yes, I know Ron Stark is tuned in).

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: "Wm&Penny Kresl" <kresl@elknet.net>
Subject: [10625] Re: quick cap question ...
Message-ID: <B0000043088@www.elknet.net>

maybe 100pf...K is tolerance, (I think 5%)...
0.1uf types are usually marked 104 (100,000pf)

Wm Kresl
kresl@elknet.net
WB9BBC@KD9JK.WI.USA.NOAM

> From: Joel Malman <malman@BBN.COM>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Subject: quick cap question ...
> Date: Friday, January 31, 1997 8:25 PM
>
> Is a cap marked 100k actually .1uf ?

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Ed Tanton <n4xy@avana.net>
Subject: [10641] Re: Re[2]: Chirp Dan no more, power supplies and output powers
Message-ID: <3.0.32.19970201015208.00962100@tiger.avana.net>

What about some nice tantalum caps, say a 25ufd or 47ufd @ 25VDC on the
input side and a 4.7ufd or 10ufd on the output side? Also, I have seen RF
mess around with 'em, so a 0.001/0.01/0.1ufd combo on BOTH input and
output. Overkill, yes, but I'd love to see it done and see what happens.
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: ed.welch@cheaha.com (ED WELCH)
Subject: [10630] Re: RIT es stuff
Message-ID: <8D124D1.0004000434.uuout@cheaha.com>

-> I suppose for an occasion that it may be good to have rit,
-> however I have found that if the transceiver is correctly
-> aligned that I never miss a qso, or at least never think I do:-). You
-> may find that you can save the front panel room for
-> something you use more frequently.

Well, I don't know about *not* having a RIT control. Using my NorCal 40a in it's simple stock form with no KC-2 or whatever I simply tune to get "close" to the mark....then with the RIT I hunt around a tad until I find the signal that I'm looking for. Once I find the sig using the RIT I turn the RIT off and nudge the tuning pot in the direction indicated by the RIT dial...thus tuning in "tighter" or merely finding the sig.

Just my newbie opinion, FWIW.

72/73

Ed Welch KF4KRV

QRP-L #873

Luverne, Alabama

Crenshaw County - Grid EM61

```
+-----+  
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----  
+-----+
```

> Isn't "time" a 4-letter word? <

From owner-qrp-l@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [10676] Re: RIT es stuff
Message-ID: <3.0.16.19970201092119.2e6717a0@mail.lightside.com>

My OHR-400 has RIT. I tune on a station with the main control. I then use the RIT to find the other end of the QSO without losing the station I first. tuned. Found my only FOX that way.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,

dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: OM84wc

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: tahrens1@juno.com
Subject: [10619] Re: Serria Type High Power Modification
Message-ID: <19970131.211058.4887.1.tahrens1@juno.com>

Hi Dan - I missed a little, I think... Is this message about
the mods to make the sierra a 5 watt rig, or for some other
rig?

thanks,

Tim W5FN

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: tahrens1@juno.com
Subject: [10620] Re: Serria Type High Power Modification
Message-ID: <19970131.211839.4887.2.tahrens1@juno.com>

oops, please forgive my sin..
promise it won't happen again.....too soon.

sorry for the bw

Tim

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: JCoote@aol.com
Subject: [10653] Re: Straight Key - Painless All Day Ops
Message-ID: <970201085804_1626138615@emout06.mail.aol.com>

In a message dated 97-01-31 17:12:02 EST, ku7y@sage.dri.edu (Monte Stark)
writes:

>

>On Fri, 31 Jan 1997, Joe Gervais wrote:

>

>

>> The trick I was taught was to place your wrist on the knob,
>> support your hand on a book, and start sending. Really!

>
>This is just how we did it when I was in the Army. We had to
>qualify at 25wpm with a hand key sending 5 letter code groups.
>
>If you can't make your wrist send fast dits, your not sending
>"right".....and when some ugly DI shouts that in your face, you
>just know he's right! :-)
>
>PS....it does work!
>
>cul,
>
>73, Ron,
>
>

I'd like to add that a lot has to do with the key gap and spring tension.
I've seen people purchase those \$3 keys from RS (bad enough) and then set
the gap to 1/8 or 1/4 inch, followed by a spring tension setting which would
require being tapped with a baseball bat to get a "dit". That will cause
pain in no time.

Key gap and tension settings are a personal thing, but as one gains
experience the gap can be narrowed to the thickness of a QSL card or a few
sheets of paper... on some occasions while adjusting keys for beginner
friends, I've even had to snip out a few turns from some springs to get
softer tension.

I haven't tried the book trick (sounds fun), but new and intermediate senders
should really try a quality key with a "navy knob" I can send for a longer
time with index and middle fingers (only) on the edge of the navy knob (the
larger, lower knob). I think it helps to have the knob lower down.. closer
to the table. Instead of resembling a tensed-up claw, my fingers are
slightly curved. My wrist rests on the table and is a pivot.

The larger knob may come in handy if your fingers are cold and you are
wearing gloves. In some conditions such as cold weather or mobiling you
might want to add more spring tension... or every shiver and pothole will
affect your keying ;-)

One of my favorite keys is a Nye-Viking "Master Key" which has a navy knob
and a heavy cast metal base with rubber feet.

BTW, I would like to hear more about small, comfortable keys for QRP/P.

73, Jay
W6CJ

From owner-qrp-1@Lehigh.EDU Sat Feb 1 18:02:58 1997
From: Wa2eaw@aol.com
Subject: [10688] Re: Straight Key - Painless All Day Ops
Message-ID: <970201154120_2025375345@emout12.mail.aol.com>

To all;
I am a lover of straight key sending, (yes I have a keyer)yet I hear nothing about the old "side swiper". That was all wrist. All I did was roll my thumb or index finger (by wrist roll)and the word "tired" did not even exist.

Just thought I'd put in my wrists worth.
73 to all Bob WA2EAW